

**ADDENDUM NO. 3**

**GMIA PERIMETER ROAD BRIDGE OVER  
HOWELL AVENUE PROJECT**

**PROJECT NO. A163-11602**

**OFFICIAL NOTICE NO. 6736**

**GENERAL MITCHELL INTERNATIONAL AIRPORT  
Milwaukee County, Wisconsin**

Prepared By: MILWAUKEE COUNTY DEPARTMENT OF ADMINISTRATIVE SERVICES  
ARCHITECTURE ENGINEERING & ENVIRONMENTAL SERVICES DIVISION  
County-City Campus – Telephone 414-278-4861  
2711 West Wells Street

DATE OF ADDENDUM: July 31, 2012

BIDS CLOSE: 2:00 P.M., WEDNESDAY August 1, 2012

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TO ALL BIDDERS:

Each bidder shall read this Addendum in its entirety to determine to what extent his proposal and the contract conditions will be affected. This Addendum to the Contract Documents is issued to modify, explain, or correct the original documents and is hereby made part of the Contract Documents.

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RECEIPT – Sign the following receipt and attach to submitted Proposal Form.

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Receipt of Addendum No. 3, consisting of twenty-eight (28) pages, for **GMIA Perimeter Road Bridge Over Howell Avenue Project**, Official Notice No. 6736, at General Mitchell International Airport, Milwaukee, Wisconsin, dated August 1, 2012 is acknowledged.

Date \_\_\_\_\_ Firm \_\_\_\_\_  
Per \_\_\_\_\_ Address \_\_\_\_\_

## **CHANGES TO: PROJECT MANUAL**

### **Section 5, Bid Schedule.**

1. Delete this section and replace with the attached revised Section 5 Bid Schedule (attached, 24 pages). The following is a summary of changes;
  - A. Base Bid
    - i) Item No. 2, 8" POTABLE WATER MAIN, C 485 LF
    - ii) Item No. 3, 10" RCP SANITARY SEWER LINE, Quantity changed to 503 LF
    - iii) Item No. 19, Changed to HMA PAVEMENT TYPE E-1, 444 TON
    - iv) Item No. 33, Changed to SANITARY SEWER MANHOLES, 3 EA
    - v) Item No. 34, MANHOLE COVERS TYPE J-SPECIAL, Quantity changed to 3 EA
    - vi) Item No. 105, Added ASPHALTIC MATERIAL PG 64-28, 22 TON
    - vii) MISCELLANEOUS ALLOWANCE renumbered to Item No. 106
    - viii) UTILITY RELOCATION ALLOWANCE renumbered to Item No. 107
  - B. Alternate 3
    - i) Item No. 8, ASPHALTIC MATERIAL PG58-28 Deleted
    - ii) All remaining Items renumbered

### **Section 25, Special Provisions.**

2. Add specification for Item 611.0206 Sanitary Sewer Manholes (attached, 1 pages).

## **CHANGES TO: PLANS**

3. Remove Sheet C-401, Water and Sanitary Relocation Plan, and replace with revised Sheet C-401 (attached).

Bidders are requested to quote unit prices and make extensions for each item on the following Bid Schedule, in accordance with the proposal conditions, specifications, drawings, exhibits, and standard forms listed herein and made a part hereof. Unit prices so quoted herein shall govern in all cases.

BIDDER'S ATTENTION IS SPECIFICALLY DIRECTED to the fact that the items listed herein constitute one complete bid schedule comprising a single job unit, and the price on all items listed must be quoted in order to qualify as an acceptable bid.

BID SCHEDULE - BASE BID  
GMIA - Perimeter Road Bridge Over Howell Avenue  
Perimeter Road  
Project No. WA163-11602

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
1	MOBILIZATION  Item M-1 Unit Price per Lump Sum in Writing	1	LS			
2	8" POTABLE WATER MAIN  Item 105.001.01 Unit Price per Linear Foot in Writing	485	LF			
3	10" RCP SANITARY SEWER LINE  Item 105.001.02 Unit Price per Linear Foot in Writing	503	LF			
4	REMOVING PAVEMENT  Item 204.0100 Unit Price per Square Yard in Writing	2,925	SY			
5	REMOVING CURB AND GUTTER  Item 204.0150 Unit Price per Linear Foot in Writing	567	LF			
6	REMOVING CURB HEAD  Item 204.0130 Unit Price per Linear Foot in Writing	65	LF			
7	COMMON EXCAVATION  Item 205.0100 Unit Price per Cubic Yard in Writing	8,590	CY			
8	EXCAVATION FOR STRUCTURES BRIDGES B-40-772  Item 206.1000 Unit Price per Lump Sum in Writing	1	LS			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
9	TEMPORARY SHORING  Item 206.6000.S Unit Price per Linear Foot in Writing	765	SF			
10	BORROW  Item 208.0100 Unit Price per Cubic Yard in Writing	15,723	CY			
11	BACKFILL GRANULAR  Item 209.0100 Unit Price per Cubic Yard in Writing	8,580	CY			
12	FINISHING ROADWAY  Item 213.0100 Unit Price per Each in Writing	1	EACH			
13	OBLITERATE OLD ROAD  Item 214.0100 Unit Price per Station in Writing	6	STA			
14	BASE AGGREGATE DENSE 3/4 INCH  Item 305.0110 Unit Price per TON in Writing	547	TON			
15	BASE AGGREGATE DENSE 1 1/4 INCH  Item 305.0120 Unit Price per TON in Writing	2,926	TON			
16	CONCRETE PAVEMENT 9-INCH  Item 415.0090 Unit Price per Square Yard in Writing	604	SY			
17	CONCRETE PAVEMENT 10-INCH  Item 415.0100 Unit Price per Square Yard in Writing	1,619	SY			
18	DRILLED DOWEL BARS  Item 416.0620 Unit Price per Each in Writing	48	EA			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
19	HMA PAVEMENT TYPE E-1  Item 460.1101 Unit Price per Ton in Writing	444	TON			
20	CONCRETE MASONRY BRIDGES  Item 502.0100 Unit Price per Cubic Yard in Writing	110	CY			
21	BAR STEEL REINFORCEMENT HS BRIDGES  Item 505.0405 Unit Price per Pound in Writing	3,080	LB			
22	BAR STEEL REINFORCEMENT HS COATED BRIDGES  Item 505.0605 Unit Price per Pound in Writing	16,600	LB			
23	CONCRETE STAINING STRUCTURE  Item 517.1010.S Unit Price per Square Foot in Writing	1,380	SF			
24	APRON END WALLS FOR CULVERT PIPE 12-INCH DIA  Item 520.1012 Unit Price per Each in Writing	1	EACH			
25	CULVERT PIPE TEMPORARY 24-INCH DIA  Item 520.4024 Unit Price per Linear Foot in Writing	74	LF			
26	WALL WIRE FACED MECHANICALLY STABILIZED EARTH  Item 532.0700.S Unit Price per Square Foot in Writing	33,890	SF			
27	PILING STEEL HP 12-INCH X 53 LB  Item 550.1120.S Unit Price per Linear Foot in Writing	3,825	LF			
28	CONCRETE CURB & GUTTER 30-INCH, TYPE A  Item 601.0409 Unit Price per Linear Foot in Writing	1,824	LF			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
29	CONCRETE SIDE WALK 5-INCH  Item 602.0410 Unit Price per Square Foot in Writing	280	SF			
30	RIP-RAP MEDIUM  Item 606.0200 Unit Price per Cubic Yard in Writing	1	CY			
31	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH Item 608.0312 Unit Price per Linear Foot in Writing	914	LF			
32	CATCH BASINS TYPE 2  Item 611.0103 Unit Price per Each in Writing	8	EACH			
33	SANITARY SEWER MANHOLES  Item 611.0206 Unit Price per Each in Writing	3	EACH			
34	MANHOLE COVERS TYPE J-SPECIAL  Item 611.0535 Unit Price per Each in Writing	3	EACH			
35	STEEL THRIE BEAM STRUCTURE APPROACH  Item 614.0250 Unit Price per Linear Foot in Writing	32	LF			
36	STEEL PLATE BEAM GUARD CLASS A  Item 614.0305 Unit Price per Linear Foot in Writing	100	LF			
37	CRASH CUSHIONS PERMANENT  Item 614.0800 Unit Price per Each in Writing	2	EA			
38	EROSION BALES  Item 628.1104 Unit Price per Each in Writing	3	EACH			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
39	SILT FENCE  Item 628.1504 Unit Price per Linear Foot in Writing	2,531	LF			
40	SILT FENCE MAINTENANCE  Item 628.1520 Unit Price per Linear Foot in Writing	2,531	LF			
41	MOBILIZATIONS EROSION CONTROL  Item 628.1905 Unit Price per Each in Writing	1	EACH			
42	MOBILIZATIONS EMERGENCY EROSION CONTROL  Item 628.1910 Unit Price per Each in Writing	1	EA			
43	EROSION MAT CLASS I TYPE B  Item 628.2004 Unit Price per Square Yard in Writing	15,150	SY			
44	INLET PROTECTION TYPE A  Item 628.7005 Unit Price per Each in Writing	15	EACH			
45	INLET PROTECTION TYPE B  Item 628.7010 Unit Price per Each in Writing	3	EACH			
46	INLET PROTECTION TYPE C  Item 628.7015 Unit Price per Each in Writing	12	EACH			
47	TEMPORARY DITCH CHECKS  Item 628.7504 Unit Price per Linear Foot in Writing	15	LF			
48	TRACKING PADS  Item 628.765 Unit Price per Each in Writing	1	EA			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
49	SOD LAWN  Item 631.1000 Unit Price per Square Yard in Writing	20	SY			
50	MOVING FIRE SIGNAL  Item 638.2103 Unit Price per Lump Sum in Writing	1	LS			
51	TRAFFIC CONTROL  Item 643.0100 Unit Price per Each in Writing	1	EACH			
52	TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE  Item 643.0200 Unit Price per Each in Writing	1	EACH			
53	TRAFFIC CONTROL DRUMS  Item 643.0300 Unit Price per DAY in Writing	9,266	DAYS			
54	TRAFFIC CONTROL BARRICADES TYPE III  Item 643.0420 Unit Price per DAY in Writing	184	DAYS			
55	TRAFFIC CONTROL WARNING LIGHTS TYPE A  Item 643.0705 Unit Price per DAY in Writing	368	DAYS			
56	TRAFFIC CONTROL WARNING LIGHTS TYPE C  Item 643.0715 Unit Price per DAY in Writing	3,572	DAYS			
57	TRAFFIC CONTROL ARROW BOARDS  Item 643.0800 Unit Price per DAY in Writing	368	DAYS			
58	TRAFFIC CONTROL SIGNS  Item 643.0900 Unit Price per DAY in Writing	2,116	DAYS			



Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
59	TRAFFIC CONTROL SIGNS PORTABLE CHANGEABLE MESSAGE Item 643.1050.S Unit Price per DAY in Writing	110	DAYS			
60	PAVEMENT MARKING EPOXY 4-INCH Item 646.0106 Unit Price per Linear Foot in Writing	4,249	LF			
61	PAVEMENT MARKING EPOXY 8-INCH Item 646.0126 Unit Price per Linear Foot in Writing	107	LF			
62	CONSTRUCTION STAKING CURB GUTTER CURB & GUTTER Item 650.5500 Unit Price per Linear Foot in Writing	179	LF			
63	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL Item 650.9910 Unit Price per Lump Sum in Writing	1	LS			
64	CONDUIT RIGID NONMETALIC SCH 40 1-INCH Item 652.0210 Unit Price per Linear Foot in Writing	21	LF			
65	CONDUIT RIGID NONMETALIC SCH 40 2 1/2-INCH Item 652.0230 Unit Price per Linear Foot in Writing	22	LF			
66	LUMINAIRES UNDERDECK 150 WATTS Item 659.0215 Unit Price per Each in Writing	2	EACH			
67	SAWING CONCRETE Item 690.0250 Unit Price per Linear Foot in Writing	225	LF			
68	DIRECTIONAL BORE 2W-2" SCH 80 Item D-555-8.1 Unit Price per Linear Foot in Writing	315	LF			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
69	REMOVE FENCE  Item F162-5.1 Unit Price per Linear Foot in Writing _____	662	LF			
70	FENCE CHAIN LINK 12-FT  Item F162-5.2 Unit Price per Linear Foot in Writing _____	1,950	LF			
71	GATES CHAIN LINK 20-FT  Item F162-5.3 Unit Price per Each in Writing _____	1	EA			
72	2W-2" SCH 40 TYPE 1  Item L-110-5.1 Unit Price per Linear Foot in Writing _____	1,025	LF			
73	2W-4" SCH 40 PVC TYPE 1  Item L-110-5.2 Unit Price per Linear Foot in Writing _____	1,013	LF			
74	HANDHOLDS (SPRING ASSIST LIDS)  Item L-115-5.1 Unit Price per Each in Writing _____	3	EACH			
75	CORE INTO EXISTING MANHOLE  Item L-115-5.2 Unit Price per Each in Writing _____	1	EACH			
76	#6 COUNTERPOISE  Item L-115-5.3 Unit Price per Linear Foot in Writing _____	1,513	LF			
77	LOCATE AND PROTECT EXISTING  L-110-5.1206.1000 Unit Price per Lump Sum in Writing _____	1	LS			
78	6" STRAND SM FOC  Item L-152-5.1 Unit Price per Linear Foot in Writing _____	1,507	LF			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
79	CORE INTO EXISTING HANDHOLE  Item L-115-5.2 Unit Price per Each in Writing	4	EACH			
80	25 PAIR CONTROL CABLE  Item L-153-5.1 Unit Price per Linear Foot in Writing	2,980	LF			
81	#1/0 COUNTERPOISE  Item L-153-5.2 Unit Price per Linear Foot in Writing	525	LF			
82	REMOVAL OF EXISTING (4) 25 PR CABLE  Item L-153-5.3 Unit Price per Linear Foot in Writing	475	LF			
83	EQUIPMENT RACK  L-155-5.1 Unit Price per Lump Sum in Writing	1	LS			
84	HANDHOLE (LOCKABLE)  Item L-155-5.2 Unit Price per Each in Writing	10	EACH			
85	CARD READER ISLAND  Item L-156-5.1 Unit Price per Each in Writing	2	EACH			
86	AREA LIGHTING  Item L-156-5.2 Unit Price per Each in Writing	2	EACH			
87	SECURITY CAMERA  Item L-156-5.3 Unit Price per Each in Writing	1	EACH			
88	GATE OPERATORS  L-160 Unit Price per Lump Sum in Writing	1	LS			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
89	JUNCTION BOXES 8X8X4-INCH  Item SPV.0060.01 Unit Price per Each in Writing	2	EACH			
90	JUNCTION BOXES 12X12X8-INCH  Item SPV.0060.02 Unit Price per Each in Writing	1	EACH			
91	PRECAST CONCRETE BOX CULVERT 6-FT X 6-FT  Item SPV.0090.03 Unit Price per Linear Foot in Writing	54	LF			
92	TEMPORARY CHAIN LINK FENCE, 8-FT  Item X162-5.1 Unit Price per Linear Foot in Writing	4,170	LF			
93	TEMPORARY GATE CHAIN LINK FENCE, 30-FT  X162-5.2 Unit Price per Each in Writing	3	EACH			
94	TEMPORARY FENCE - DITCH CROSSING  Item X162-5.3 Unit Price per Linear Foot in Writing	83	LF			
95	ABANDON FIRE ALARM CONDUIT  Item 204.0101 Unit Price per Linear Foot in Writing	520	LF			
96	REMOVING INLETS  Item 204.0220 Unit Price per Each in Writing	1	EA			
97	REMOVING STORM SEWER 12-INCH  Item 204.0281 Unit Price per Linear Foot in Writing	245	LF			
98	ABANDONING SANITARY SEWER 10-INCH  Item 204.0245 Unit Price per Linear Foot in Writing	495	LF			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
99	ABANDONING WATER MAIN 8-INCH  Item 204.0282 Unit Price per Linear Foot in Writing	537	LF			
100	REMOVING CONCRETE SIDEWALK  Item 204.0155 Unit Price per Square Yard in Writing	31	SY			
101	BASE AGGREGATE OPEN GRADED NO. 2, 4-INCH  Item 310.0110 Unit Price per Cubic Yard in Writing	649	CY			
102	GEOTEXTILE FABRIC TYPE DF  Item 605.0100 Unit Price per Square Yard in Writing	1,660	SY			
103	ADJUSTING MANHOLE COVERS  Item 611.8111 Unit Price per Each in Writing	5	EA			
104	FLOWABLE FILL  Item SPV.0035.02 Unit Price per Cubic Yard in Writing	9	CY			
105	ASPHALTIC MATERIAL PG 64-28 Item 455.0125 Unit Price per Ton in Writing	22	TON			
	BASE BID SUBTOTAL IN FIGURES					
106	MISCELLANEOUS ALLOWANCE  Unit Price per Lump Sum in Writing	1	LS			
						FIFTY THOUSAND
107	UTILITY RELOCATION ALLOWANCE  Unit Price per Lump Sum in Writing	1	LS			
						ONE HUNDRED AND SEVENTY SIX THOUSAND
	BASE BID GRAND TOTAL IN FIGURES					
	BASE BID GRAND TOTAL IN WRITING					

Bidders are requested to quote unit prices and make extensions for each item on the following Bid Schedule, in accordance with the proposal conditions, specifications, drawings, exhibits, and standard forms listed herein and made a part hereof. Unit prices so quoted herein shall govern in all cases.

BIDDER'S ATTENTION IS SPECIFICALLY DIRECTED to the fact that the items listed herein constitute one complete bid schedule comprising a single job unit, and the price on all items listed must be quoted in order to qualify as an acceptable bid.

BID SCHEDULE - ALT 1  
GMIA - Perimeter Road Bridge Over Howell Avenue  
Perimeter Road  
Project No. WA163-11602

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
1	MOBILIZATION  Item M-1 Unit Price per Lump Sum in Writing	1	LS			
2	BACKFILL STRUCTURE  Item 210.0100 Unit Price per Cubic Yard in Writing	360	CY			
3	FINISHING ROADWAY  Item 213.0100 Unit Price per Each in Writing	1	EACH			
4	CONCRETE MASONRY BRIDGES  Item 502.0100 Unit Price per Cubic Yard in Writing	493	CY			
5	PROTECTIVE SURFACE TREATMENT  Item 502.3200 Unit Price per Square Yard in Writing	1,310	SY			
6	PRESTRESSED GIRDER TYPE I 45W-INCH  Item 503.0146 Unit Price per Linear Foot in Writing	1,894	LF			
7	BAR STEEL REINFORCEMENT HS BRIDGES  Item 505.0405 Unit Price per Pound in Writing	4,480	LB			
8	BAR STEEL REINFORCEMENT HS COATED BRIDGES  Item 505.0605 Unit Price per Pound in Writing	126,580	LB			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
9	BEARING PADS ELASTOMERIC NON-LAMINATED  Item 506.2605 Unit Price per Each in Writing	32	EA			
10	STEEL DIAPHRAGMS B-40-772  Item 506.400 Unit Price per Each in Writing	28	EA			
11	RUBBERIZED MEMBRANE WATERPROOFING  Item 516.0500 Unit Price per Square Yard in Writing	16	SY			
12	CONCRETE STAINING STRUCTURE  Item 517.1010.S Unit Price per Square Foot in Writing	11,450	SF			
13	SLOPE PAVING CONCRETE  Item 604.0400 Unit Price per Square Yard in Writing	669	SY			
14	RIP-RAP MEDIUM  Item 606.0200 Unit Price per Cubic Yard in Writing	7	CY			
15	PIPE UNDERDRAIN WRAPPED 6-INCH  Item 612.0406 Unit Price per Linear Foot in Writing	88	LF			
16	EROSION BALES  Item 628.1104 Unit Price per Each in Writing	3	EACH			
17	SILT FENCE  Item 628.1504 Unit Price per Linear Foot in Writing	2,098	LF			
18	SILT FENCE MAINTENANCE  Item 628.1520 Unit Price per Linear Foot in Writing	2,098	LF			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
19	MOBILIZATIONS EROSION CONTROL  Item 628.1905 Unit Price per Each in Writing _____	1	EACH			
20	MOBILIZATIONS EMERGENCY EROSION CONTROL  Item 628.1910 Unit Price per Each in Writing _____	1	EA			
21	EROSION MAT CLASS 1 TYPE B  Item 628.2004 Unit Price per Square Yard in Writing _____	7,350	SY			
22	INLET PROTECTION TYPE A  Item 628.7005 Unit Price per Each in Writing _____	4	EACH			
23	INLET PROTECTION TYPE C  Item 628.7015 Unit Price per Each in Writing _____	4	EACH			
24	TRAFFIC CONTROL  Item 643.0100 Unit Price per Each in Writing _____	1	EACH			
25	TC SURVEILLANCE AND MAINTENANCE  Item 643.0200 Unit Price per Each in Writing _____	1	EACH			
26	TRAFFIC CONTROL DRUMS  Item 643.0300 Unit Price per DAY in Writing _____	2,734	DAYS			
27	TRAFFIC CONTROL BARRICADES TYPE III  Item 643.0420 Unit Price per DAY in Writing _____	65	DAYS			
28	TRAFFIC CONTROL WARNING LIGHTS TYPE A  Item 643.0705 Unit Price per DAY in Writing _____	131	DAYS			



Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
29	TRAFFIC CONTROL WARNING LIGHTS TYPE C  Item 643.0715 Unit Price per DAY in Writing _____	773	DAYS			
30	TRAFFIC CONTROL ARROW BOARDS  Item 643.0800 Unit Price per DAY in Writing _____	81	DAYS			
31	TRAFFIC CONTROL SIGNS  Item 643.0900 Unit Price per DAY in Writing _____	586	DAYS			
32	TRAFFIC CONTROL SIGNS PORTABLE CHANGEABLE MESSAGE Item 643.1050.S Unit Price per DAY in Writing _____	60	DAYS			
33	PAVEMENT MARKING EPOXY 4-INCH  Item 646.0106 Unit Price per Linear Foot in Writing _____	2,956	LF			
34	FLOWABLE FILL  Item SPV.0035.01 Unit Price per Cubic Yard in Writing _____	7	CY			
	ALT 1 BID GRAND TOTAL IN FIGURES _____					
	ALT 1 BID GRAND TOTAL IN WRITING _____					

Bidders are requested to quote unit prices and make extensions for each item on the following Bid Schedule, in accordance with the proposal conditions, specifications, drawings, exhibits, and standard forms listed herein and made a part hereof. Unit prices so quoted herein shall govern in all cases.

BIDDER'S ATTENTION IS SPECIFICALLY DIRECTED to the fact that the items listed herein constitute one complete bid schedule comprising a single job unit, and the price on all items listed must be quoted in order to qualify as an acceptable bid.

BID SCHEDULE - ALT-2  
GMIA - Tugway and Runway Bridge Improvements Over Howell Avenue  
Tugway Bridge  
Project No. WA5051-11603

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
1	MOBILIZATION	1	LS			
	Item M-1					
	Unit Price per Lump Sum in Writing					
2	FINISHING ROADWAY	1	EACH			
	Item 213.0100					
	Unit Price per Each in Writing					
3	CONCRETE SURFACE REPAIR	115	S.F.			
	Item 509.1500 (See DOT Specification)					
	Unit Price per Square Foot in Writing					
4	MOBILIZATIONS EMERGENCY EROSION CONTROL	1	EA			
	Item 628.1910					
	Unit Price per Each in Writing					
5	EPOXY CRACK SEALING	850	L.F.			
	Item SPV.0090.01 (See Project Specification)					
	Unit Price per Linear Foot in Writing					
6	VENT TUNNEL EXPANSION JOINT REPAIR	222	L.F.			
	Item SPV.0090.02					
	Unit Price per Linear Foot in Writing					

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
7	TRAFFIC CONTROL DRUMS  Item 643.0300 Unit Price per DAY in Writing	1,511	DAYS			
8	TRAFFIC CONTROL BARRICADES TYPE III  Item 643.0420 Unit Price per DAY in Writing	31	DAYS			
9	TRAFFIC CONTROL WARNING LIGHTS TYPE C  Item 643.0715 Unit Price per DAY in Writing	577	DAYS			
10	TRAFFIC CONTROL WARNING LIGHTS TYPE A  Item 643.0705 Unit Price per DAY in Writing	62	DAYS			
11	TRAFFIC CONTROL SIGNS  Item 643.0900 Unit Price per DAY in Writing	309	DAYS			
12	TRAFFIC CONTROL ARROW BOARDS  Item 643.0800 Unit Price per DAY in Writing	60	DAYS			
13	CONCRETE STAINING  Item SPV.0165.01 Unit Price per Square Foot in Writing	2,535	S.F.			
14	TRAFFIC CONTROL SIGNS PORTABLE CHANGEABLE MESSAGE Item 643.1050.S Unit Price per DAY in Writing	15	DAYS			
15	PAVEMENT MARKING EPOXY 4-INCH  Item 646.0106 Unit Price per Linear Foot in Writing	960	LF			
16	TRAFFIC CONTROL  Item 643.0100 Unit Price per Each in Writing	1	EACH			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
17	TC SURVEILLANCE AND MAINTENANCE	1	EACH			
	Item 643.0200					
	Unit Price per Each in Writing					
	ALT 2 BID GRAND TOTAL IN FIGURES					
	ALT 2 BID GRAND TOTAL IN WRITING					

Bidders are requested to quote unit prices and make extensions for each item on the following Bid Schedule, in accordance with the proposal conditions, specifications, drawings, exhibits, and standard forms listed herein and made a part hereof. Unit prices so quoted herein shall govern in all cases.

BIDDER'S ATTENTION IS SPECIFICALLY DIRECTED to the fact that the items listed herein constitute one complete bid schedule comprising a single job unit, and the price on all items listed must be quoted in order to qualify as an acceptable bid.

BID SCHEDULE - ALT 3  
GMIA - Perimeter Road Bridge Over Howell Avenue  
Perimeter Road  
Project No. WA163-11602

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
1	MOBILIZATION  Item M-1 Unit Price per Lump Sum in Writing	1	LS			
2	COMMON EXCAVATION  Item 205.0100 Unit Price per Cubic Yard in Writing	1,600	CY			
3	FINISHING ROADWAY  Item 213.0100 Unit Price per Each in Writing	1	EACH			
4	BASE AGGREGATE DENSE 3/4 INCH  Item 305.0110 Unit Price per TON in Writing	416	TON			
5	BASE AGGREGATE DENSE 1 1/4 INCH  Item 305.0120 Unit Price per TON in Writing	4,427	TON			
6	CONCRETE PAVEMENT 9-INCH  Item 415.0090 Unit Price per Square Yard in Writing	6,927	SY			
7	DRILLED DOWEL BARS  Item 416.0620 Unit Price per Each in Writing	48	EA			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
8	PROTECTIVE SURFACE TREATMENT  Item 502.3200 Unit Price per Square Yard in Writing	1,293	SY			
9	CONCRETE MASONRY RETAINING WALLS  Item 504.0500 Unit Price per Cubic Yard in Writing	940	CY			
10	BAR STEEL REINFORCEMENT HS COATED RETAINING WALL Item 505.0615 Unit Price per Pound in Writing	146,730	LB			
11	RUBBERIZED MEMBRANE WATERPROOFING  Item 516.0500 Unit Price per Square Yard in Writing	72	SY			
12	CONCRETE STAINING STRUCTURE  Item 517.1010.S Unit Price per Square Foot in Writing	38,000	SF			
13	APRON END WALLS FOR CULVERT PIPE 12-INCH DIA  Item 520.1012 Unit Price per Each in Writing	3	EACH			
14	APRON END WALLS FOR CULVERT PIPE 24-INCH DIA  Item 520.1024 Unit Price per Each in Writing	2	EACH			
15	RIP-RAP MEDIUM  Item 606.0200 Unit Price per Cubic Yard in Writing	22	CY			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
16	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH Item 608.0312 Unit Price per Linear Foot in Writing	1,433	LF			
17	STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH Item 608.0324 Unit Price per Linear Foot in Writing	74	LF			
18	CATCH BASIN TYPE 2 Item 611.0103 Unit Price per Each in Writing	12	EACH			
19	MANHOLES TYPE 2 Item 611.0205 Unit Price per Each in Writing	7	EACH			
20	MANHOLE COVERS TYPE J-SPECIAL Item 611.0535 Unit Price per Each in Writing	7	EACH			
21	INLET COVERS TYPE V Item 611.0654 Unit Price per Each in Writing	12	EACH			
22	PIPE UNDERDRAIN WRAPPED 6-INCH Item 612.0406 Unit Price per Linear Foot in Writing	2,000	LF			
23	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD Item 614.0150 Unit Price per Each in Writing	4	EACH			
24	STEEL THRIE BEAM STRUCTURE APPROACH Item 614.0250 Unit Price per Linear Foot in Writing	13	LF			
25	STEEL PLATE BEAM GUARD CLASS A Item 614.0305 Unit Price per Linear Foot in Writing	14	LF			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
26	SALVAGED TOPSOIL  Item 625.0500 Unit Price per Square Yard in Writing	22,500	SY			
27	MULCHING  Item 627.0200 Unit Price per Square Yard in Writing	2,490	SY			
28	FERTILIZER TYPE B  Item 629.0210 Unit Price per CWT in Writing	1.78	CWT			
29	SEEDING MIXTURE NO. 30  Item 630.0130 Unit Price per LB in Writing	406	LB			
30	SEEDING MIXTURE NO. 80  Item 630.0180 Unit Price per LB in Writing	2	LB			
31	SOD LAWN  Item 631.1000 Unit Price per Square Yard in Writing	2,480	SY			
32	POSTS WOOD 4x6-INCH X 14-FT  Item 634.0614 Unit Price per Each in Writing	18	EACH			
33	SIGNS REFLECTIVE TYPE II  Item 637.0202 Unit Price per Square Feet in Writing	91	SF			
34	MOVING SIGNS TYPE II  Item 638.2102 Unit Price per Each in Writing	11	EACH			
35	REMOVING SMALL SIGN SUPPORTS  Item 638.3000 Unit Price per Each in Writing	11	EACH			



Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
36	TRAFFIC CONTROL  Item 643.0100 Unit Price per Each in Writing	1	EACH			
37	GEOTEXTILE FABRIC TYPE HR  Item 645.0120 Unit Price per Square Yard in Writing	45	SY			
38	PAVEMENT MARKING ARROWS EPOXY TYPE 2  Item 647.0166 Unit Price per Each in Writing	1	EACH			
39	PAVEMENT MARKING WORDS EPOXY  Item 647.0356 Unit Price per Each in Writing	1	EACH			
40	PAVEMENT MARKING STOP LINE EPOXY 18-INCH  Item 647.0566 Unit Price per Linear Foot in Writing	36	LF			
41	PAVEMENT MARKINGS ISLAND NOSE EPOXY  Item 647.0606 Unit Price per Each in Writing	1	EACH			
42	CONSTRUCTION STAKING STORM SEWER SYSTEM  Item 650.4000 Unit Price per Each in Writing	2	EACH			
43	CONSTRUCTION STAKING SUBGRADE  Item 650.4500 Unit Price per Linear Foot in Writing	1,739	LF			
44	CONSTRUCTION STAKING BASE  Item 650.5000 Unit Price per Linear Foot in Writing	1,739	LF			
45	CONSTRUCTION STAKING CURB GUTTER CURB & GUTTER Item 650.5500 Unit Price per Linear Foot in Writing	71	LF			

Item No.	Item	Estimated Quantity	Unit	Unit Price	Amount	
					Dollars	Cents
46	CONSTRUCTION STAKING CONCRETE PAVEMENT  Item 650.7000 Unit Price per Linear Foot in Writing _____	1,739	LF			
47	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL  Item 650.9910 Unit Price per Lump Sum in Writing _____	1	LS			
48	CONSTRUCTION STAKING SLOPE STAKES  Item 650.9920 Unit Price per Linear Foot in Writing _____	1,739	LF			
49	GRASS SWALE  Item SPV.0035 Unit Price per Cubic Yard in Writing _____	180	CY			
50	PRESTRESSED PRECAST CONCRETE WALL PANEL  Item SPV.0165.02 Unit Price per Square Foot in Writing _____	33,890	SF			
	ALT 3 BID GRAND TOTAL IN FIGURES _____					
	ALT 3 BID GRAND TOTAL IN WRITING _____					

## STANDARD SPECIFICATIONS

### ITEM 611.0206 SANITARY SEWER MANHOLES

#### 1. CONSTRUCTION METHODS

Sanitary Sewer Manholes shall conform to Chapter 3.5.0 of the Standard Specifications for Sewer & Water Construction in Wisconsin.

#### 2. BASIS OF PAYMENT

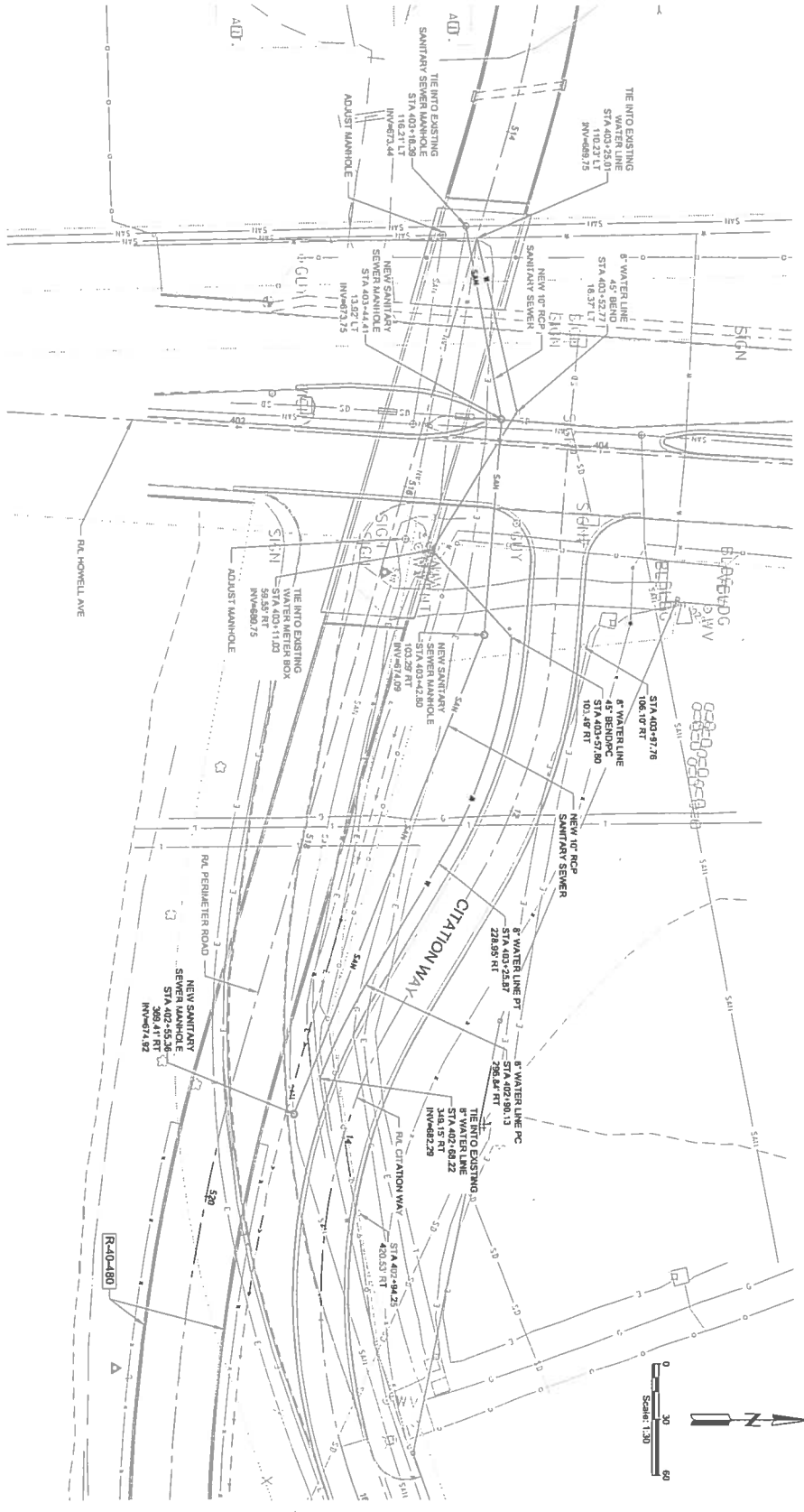
Sanitary Sewer Manholes shall be paid for per each and shall include excavation; preparation of subgrade; provide and install manhole base, manhole walls, manhole corbel, manhole chimney, casting, frame and chimney, steps, and pipe connections.

Payment will be made under:

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
611.0206	Sanitary Sewer Manholes	EA

**END OF SECTION ITEM 611.0206 SANITARY SEWER MANHOLES**

WATER AND SANITARY RELOCATION PLAN C-401



WATER AND SANITARY RELOCATION PLAN  
EAST SIDE OF BRIDGE

NOTE  
1. ALL STATIONS AND OFFSETS ARE FROM HOWELL AVE.

REVISIONS  
A. ADDENDUM #3  
7/1/12

MILWAUKEE COUNTY DEPARTMENT OF  
TRANSPORTATION AND PUBLIC WORKS  
CITY CAMPUS 2711 W. WELLS ST. - 2ND FLOOR MILWAUKEE, WI 53208



GENERAL MITCHELL INTERNATIONAL AIRPORT  
PERIMETER ROAD BRIDGE  
OVER HOWELL AVENUE  
PERIMETER ROAD BRIDGE OVER HOWELL AVENUE

DATE: 6/11/2012  
PROJECT: WA 163-11602  
SHEET NO: 290  
BUILDING NO: N/A